

数据分组

分组是最常用表示数据的组织结构的方法。设计基本布局后，您可以按某些字段或其他条件来分组以分隔记录，以使报表更易于阅读。通过对数据进行分组，您可以将记录组分开，并为每个组显示介绍性数据和摘要数据。分组基于分组表达式。此表达式通常基于一个或多个记录集字段，也可以根据需要设置一些复杂的条件。

在FlexReport中，通过使用C1FlexReport.Groups实现分组。

例如您要查看每个职称的员工列表。在这种情况下，列表应按标题分组。以下步骤说明了如何按标题对雇员列表进行分组。本示例使用FlexReport快速入门中创建的示例。

- 1. 将一个C1CheckBox添加 到FlexReport快速入门项目的表单中。
- 2. 将C1CheckBox 名称设置 为“ groupC1CheckBox”，将文本设置为“按职称分组报表”。
- 3. 将CheckedChanged事件创建为c1CheckBox1_CheckedChanged。

CS

```
Group grp;
Section s;
private void c1CheckBox1_CheckedChanged(object sender, EventArgs e)
{
    if (groupC1CheckBox.Checked)
    {
        // group employees by title and sort titles in
ascending order
        grp = c1FlexReport1.Groups.Add("GrpTitle", "Title",
SortEnum.Ascending);
        // format the Header section for the new group

        s = grp.SectionHeader;
        s.Height = 1000;
        s.Visible = true;

        TextField f = new TextField();
        f.Name = "Title";
        f.Text.Expression = "Title";
        f.Left = 0;
        f.Top = 0;
        f.Width = c1FlexReport1.Layout.Width;
        f.Height = 500;
        f.Align = FieldAlignEnum.LeftMiddle;
        f.Font.Bold = true;
        f.Font.Size = 12;
        f.Border = new Border(2, Color.Black,
DashStyle.Solid);
        f.BackColor = Color.FromArgb(150, 150, 220);
        f.MarginLeft = 100;
        s.Fields.Add(f);
        c1FlexReport1.Render();

    }
    else
    {
        btnEmployees.PerformClick();
    }
}
```

- 4. 运行项目。单击员工按钮以呈现报表。
- 5. 单击“按职称分组报表”复选框以查看报表分组。观察Title以升序排列。

ID	First	Last	Title	Notes
Inside Sales Coordinator				
8	Laura	Callahan	Inside Sales Coordinator	Laura received a BA in psychology from the University of Washington. She has also completed a course in business French. She reads and writes French.
Sales Manager				
5	Steven	Buchanan	Sales Manager	Steven Buchanan graduated from St. Andrews University, Scotland, with a BSC degree in 1976. Upon joining the company as a sales representative in 1992, he spent 6 months in an orientation program at the Seattle office and then returned to his permanent post in London. He was promoted to sales manager in March 1993. Mr. Buchanan has completed the courses "Successful Telemarketing" and "International Sales Management." He is fluent in French.
Sales Representative				
1	Nancy	Davolio	Sales Representative	Education includes a BA in psychology from Colorado State University in 1970. She also completed "The Art of the Cold Call." Nancy is a member of Toastmasters International.
3	Janet	Leverling	Sales Representative	Janet has a BS degree in chemistry from Boston College (1984). She has also completed a certificate program in food retailing management. Janet was hired as a sales associate in 1991 and promoted to sales representative in February 1992.
4	Margaret	Peacock	Sales Representative	Margaret holds a BA in English literature from Concordia College (1958) and an MA from the American Institute of Culinary Arts (1966). She was assigned to the London office temporarily from July through November 1992.
6	Michael	Suyama	Sales Representative	Michael is a graduate of Sussex University (MA, economics, 1983) and the University of California at Los Angeles (MBA, marketing, 1985). He has also taken the courses "Multi-Cultural Selling" and "Time Management for the Sales Professional." He is fluent in Japanese and can read and write French, Portuguese, and Spanish.
7	Robert	King	Sales Representative	Robert King served in the Peace Corps and traveled extensively before completing his degree in English at the University of Michigan in 1992, the year he joined the company. After completing a course entitled "Selling in Europe," he was transferred to the London office in March 1993.
9	Anne	Dodsworth	Sales Representative	Anne has a BA degree in English from St. Lawrence College. She is fluent in French and German.
Vice President, Sales				
2	Andrew	Fuller	Vice President, Sales	Andrew received his BTS commercial in 1974 and a Ph.D. in international marketing from the University of Dallas in 1981. He is fluent in French and Italian and reads German. He joined the company as a sales representative, was promoted to sales manager in January 1992 and to vice president of sales in March 1993. Andrew is a member of the Sales Management Roundtable, the Seattle Chamber of Commerce, and the Pacific Rim Importers Association.